

St. Louis County (SW)
West Lake SLF

file



JOHN ASHCROFT
Governor

RON KUCERA
Acting Director

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY
ST. LOUIS REGIONAL OFFICE
10805 Sunset Office Drive, Suite 100
St. Louis, MO 63127-1017
314-822-0101
Fax No. 314-822-0943

December 30, 1992

Mr. Glenn A. O'Bryan
Laidlaw Waste Systems, Inc.
13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. O'Bryan:

Enclosed is a report of an inspection conducted by Mr. Joe Trunko of my staff. The report contains recommendations which the inspector has determined are warranted based on his findings at the facility.

Please review the report and implement the recommendations presented. Should you have any questions or comments, please contact the St. Louis Regional Office at (314) 822-0101.

Sincerely,

ST. LOUIS REGIONAL OFFICE

A handwritten signature in cursive script that reads "Robert S. P. Eck".

Robert S. P. Eck
Regional Director

RSPE/EP/lv

Enclosures

c: SWMP
Brad Bomanz, St. Louis County Health Dept., Solid Waste
Miles Stotts, Laidlaw Waste Systems, Inc.
Dennis Wike, Laidlaw Waste Systems, Inc.



St. Louis County
West Lake SLF

SANITARY LANDFILL INSPECTION REPORT

FACILITY

West Lake (Bridgeton) Sanitary Landfill
Laidlaw Waste Systems, Inc.
St. Louis County
MDNR Permit #118912

INTRODUCTION

On December 29, 1992, the above referenced facility was inspected for compliance with regulations pursuant to the Missouri Solid Waste Management Law. Messrs. Joe Trunko and Terry Hoevelkamp represented the Missouri Department of Natural Resources (MDNR), St. Louis Regional Office. Also present was Mr. Frank Dolan of the MDNR, Solid Waste Management Program. Ms. Sue Taylor and Mr. Brad Bomanz represented the St. Louis County Health Department. Mr. Glenn A. O'Bryan represented the facility.

FINDINGS

1. A large amount of exposed waste was observed at the facility.
2. Erosion gullies were observed in the wet-weather area.
3. An underground fire was occurring in the wet-weather area.
4. The new flare has not been constructed.
5. Regulated quantities of hazardous waste have been disposed of at this facility.

DISCUSSION

A large amount of exposed waste was observed in the wet-weather area, along the quarry walls and in the north area of the active pit. Exposed waste may contribute to the generation of odors at this facility. Efforts must be made to ensure that at least six inches of compacted cover is applied daily and that inactive areas are recovered and regraded as needed.

As per the approved engineering report, intermediate cover (one foot of compacted soil) is not required at this facility until the landfill reaches an elevation where surface water can be drained to the natural ground surface. The lack of intermediate cover on the inactive sections of the landfill may also be contributing to odor generation. Consideration should be made by Laidlaw to apply intermediate cover, especially if odor problems persist after completion and start up of the new gas extraction system. The intermediate cover could be stripped off when landfilling resumed in an inactive area. A permit modification request must be submitted to the SWMP if this is pursued.

Numerous erosion gullies were observed on the south slope of the wet-weather area. The occurrence of erosion in this area is common due to the steep slope and the large amount of surface water that drains into this area. Actions to minimize the erosion, such as the establishment of vegetation and/or terracing, should be taken.

An underground fire was burning in the wet-weather area near the quarry wall. Additional cover had been placed along the quarry wall in order to minimize the flow of oxygen into the fill. Mr. O'Bryan stated that additional actions would be taken (such as grouting the walls) should the fire continue.

Installation of the new flare has been delayed due to zoning restrictions by the City of Bridgeton. As a result of this delay, Laidlaw has decided to relocate the flare to an area that will not require zoning approval (area of existing flare station). Due to the continued odor problem at this facility, it is imperative that construction of the flare be completed as soon as possible.

On August 5, 1992, approximately 10 cubic yards of filter waste from the P.D. George Company was dumped at this facility. A hazardous waste determination performed by P.D. George has shown that the filters contained cresols above the regulatory limit as specified in 40 CFR 261. Laidlaw has developed a plan for removal of the waste. Selection of a consultant for coordinating the project is near completion. As per a letter dated December 14, 1992, from Glenn O'Bryan to the Department, a timeline for removal of the waste will be submitted to the Department by January 31, 1993. The project is scheduled to be completed by March 31, 1993.

RECOMMENDATIONS

1. Additional cover must be applied to all areas of exposed waste. Efforts must be made to ensure that at least six inches of compacted cover is applied to the active face on a daily basis. The regrading and recovering of fill areas must be performed on a regular basis so that erosion of cover material is minimized and solid waste is not exposed.
2. Consideration should be made by Laidlaw to apply intermediate cover to inactive areas at the facility should odor problems persist.
3. The south slope of the wet weather area should be terraced and/or vegetation established so that erosion on the area is minimized.
4. Continue with efforts to eliminate the fire in the wet-weather area.
5. By February 1, 1993, construction of the new flare must be completed and the gas collection system must be operable. Failure to complete construction of the flare by this date may result in the initiation of enforcement action by the Department.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF ENVIRONMENTAL QUALITY
 SOLID WASTE AND RECOVERED MATERIALS DATA SHEET

NAME OF FACILITY Westlake (Bridgeton) Sanitary Landfill		PERMIT NUMBER 118912
DATE 12-29-92	REGIONAL OFFICE St. Louis	INSPECTOR Joseph L. Trunko

TIPPING FEES		WHITE GOODS N/A
CUBIC YARD \$8.00 compacted	PICKUP LOAD -	
\$20.00 Special waste	CAR LOAD -	TIRES N/A
TON \$10.50 Dumd		

APPLICABLE *	TYPE OF MATERIAL RECOVERED	AMOUNT RECOVERED/MONTH CUBIC YARDS OR TONS	AMOUNT RECYCLED/MONTH CUBIC YARDS OR TONS
N/A	ALUMINUM Cans Scrap		
	OTHER METAL Ferrous Non-Ferrous		
	PAPER Newspaper Corrugated Computer/White Mixed		
	GLASS Clear Mixed		
	PLASTIC Milk Jugs Soda Bottles Mixed		
	CAR BATTERIES		
	TIRES		
	WHITE GOODS		
	COMPOST FROM YARD WASTE		
	COMPOST FROM SOLID WASTE		

NOTE * CHECK IF APPLICABLE
 PRINT "N/A" IF NOT APPLICABLE



MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
SANITARY LANDFILL INSPECTION CHECKLIST

TYPE OF INSPECTION ▶ Quarterly

I GENERAL INFORMATION

DATE OF INSPECTION 12-29-92	DAYS/WEEK OPEN 6 (4:30-4:00 M-F) 6-1 Sat	TIME OF ARRIVAL 9:30 a.m.
WEATHER Overcast, wet	TEMPERATURE 50°F	
FACILITY NAME Westlake (Bridgeton) Sanitary Landfill	COUNTY St. Louis	PERMIT NUMBER 118912
OWNER Laidlaw Waste Systems, Inc.	TELEPHONE NUMBER (314) 739-1919	
ADDRESS 13570 St. Charles Rock Road	CITY Bridgeton	STATE MO ZIP CODE 63044
OPERATOR Same as owner	TELEPHONE NUMBER "	
ADDRESS "	CITY "	STATE " ZIP CODE "

II REMAINING LIFE OF LANDFILL	AREA SERVED
A. Estimated quantity of waste accepted, # 35,000 (yards) or tons/week	A. Cities: St. Louis, various municipalities
B. Estimated life of remaining landfill 10 years.	B. Counties: St. Louis, St. Charles
C. Fixed operating term date, 11-18-95.	

NOTE ▶ Check all subsections: SAT-Satisfactory or UNS-Unsatisfactory. If necessary, describe "UNS" violations under "Remarks." SAT UNS

10 CSR 80-2.020 PERMIT ISSUANCE, SPECIAL OPERATING PERMITS, AND PERMIT EXEMPTIONS			
(5)(E)	SITE CONSTRUCTED AND OPERATED PER APPROVED TERMS AND CONDITIONS OF PERMIT.	✓	
10 CSR 80-2.080 CERTIFIED SOLID WASTE TECHNICIANS			
(2)(A)	CERTIFIED SOLID-WASTE TECHNICIAN. (Joe Durako)	✓	
10 CSR 80-3.010 SANITARY LANDFILLS DESIGN AND OPERATION			
(2)	SOLID WASTE ACCEPTED (2)(C)1. BULKY SOLID WASTE CRUSHED ON SOLID GROUND.	✓	
(2)(C)2.	SMALL DEAD ANIMALS COVERED IMMEDIATELY.	✓	
(3) SOLID WASTE EXCLUDED AND SPECIAL WASTE APPROVALS			
(3)(C)1.	THE DISPOSAL OF SPECIAL WASTE APPROVED IN THE PERMIT IN ACCORDANCE WITH APPROVED PLANS.	✓	
(3)(C)2.A.	WRITTEN APPROVAL FOR SPECIAL WASTE NOT APPROVED IN PERMIT.	✓	
(3)(C)2.B.	APPROVED SPECIAL WASTE DISPOSED OF PROPERLY.	✓	
(3)(C)3.	SIGN POSTED AT ENTRANCE LISTING EXCLUDED WASTES.	✓	
(3)(C)4.	PROCEDURE FOR SCREENING AND REMOVAL OF EXCLUDED WASTES.	✓	
(3)(C)5.	LARGE DEAD ANIMALS PLACED IN PIT AND COVERED WITH FOUR FEET OF COMPACTED SOIL.	✓	
(3)(C)6.	EXCLUDED WASTES LISTED IN SUBSECTION (3)(A) OF THIS RULE NOT ACCEPTED FOR DISPOSAL. (1)	✓	✓
(4) SITE SELECTION (4)(C)1.	SITE ACCESSIBLE IN ALL WEATHER CONDITIONS. TEMPORARY ROADS PROVIDED TO WORKING FACE.	✓	
(4)(C)2.	IF ACCESS ROADS ARE FLOODED, ALTERNATE SANITARY LANDFILL AVAILABLE. NAME:	✓	
(5) DESIGN (5)(C)1.	CONSTRUCTION AND OPERATION OF THE SITE IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.	✓	
(5)(C)2.	MINIMUM 50-FOOT BUFFER ZONE MAINTAINED.	✓	
(5)(C)3.	OPERATING MANUAL AVAILABLE.	✓	
(6) SURVEY CONTROL			
(6)(C)1.	BOUNDARY MARKERS, BENCHMARKS, HORIZONTAL CONTROL STATIONS, & CONSTRUCTION STAKES CLEARLY MARKED & IDENTIFIED.	✓	
(6)(C)2.	MISSING OR DISPLACED BENCHMARKS OR HORIZONTAL CONTROL STATIONS REESTABLISHED.	✓	
(6)(C)3.	MISSING OR DISPLACED CONSTRUCTION STAKES REESTABLISHED.	✓	
(6)(C)4.	MONUMENTS AND BOUNDARY MARKERS PLACED PRIOR TO RECEIVING AUTHORIZATION TO OPERATE.	✓	
(6)(C)5.	CONSTRUCTION STAKES MARKING THE ACTIVE AREA PLACED PRIOR TO DEPOSITION OF WASTE.	✓	
(7) WATER QUALITY			
(7)(C)1.	SURFACE WATERCOURSES & RUNOFF PROPERLY DIVERTED. CONSTRUCTION & GRADING TO PROMOTE RUNOFF WITHOUT EXCESSIVE EROSION. (4)	✓	✓
(7)(C)2.	CONTACT BETWEEN WATER AND SOLID WASTE MINIMIZED.	✓	
(7)(C)5.	LEACHATE GENERATED ON-SITE CONTROLLED ON-SITE AND NOT ALLOWED TO DISCHARGE OFF SITE OR DISCHARGE INTO WATERS OF THE STATE.	✓	
(8) GROUND-WATER MONITORING			
(8)(C)1.B.	GROUND-WATER-MONITORING WELLS OPERATIONAL PRIOR TO ACCEPTANCE OF WASTE.	✓	
(9) AIR QUALITY			
(9)(C)	BURNING OF SOLID WASTE PROHIBITED UNLESS A BURNING PERMIT IS OBTAINED.	✓	

			SAT	UNS
(10) GAS CONTROL	(10)(C)1.	DECOMPOSITION GAS CONTROL SYSTEMS IMPLEMENTED AS NECESSARY. (3)		✓
(10)(C)2.A.	METHANE NOT ALLOWED TO CONCENTRATE IN BUILDINGS ON-SITE ABOVE 25 PERCENT LEL FOR METHANE.		✓	
(10)(C)2.B.	METHANE NOT ALLOWED TO CONCENTRATE IN THE SOIL AT THE PROPERTY BOUNDARY ABOVE 5 PERCENT LEL FOR METHANE.		✓	
(10)(C)3.	DECOMPOSITION GAS MONITORING RESULTS SUBMITTED TO THE DEPARTMENT AS REQUIRED BY PERMIT.		✓	
(11) VECTORS	(11)(C)	VECTOR CONTROL PROGRAMS IMPLEMENTED WHEN NECESSARY.	✓	
(12) AESTHETICS			✓	
(12)(C)1.	LITTER CONTROL DEVICES UTILIZED AS NEEDED. LITTER COLLECTED & INCORPORATED INTO THE ACTIVE CELL AT THE END OF EACH DAY OR PLACED IN CONTAINERS.		✓	
(12)(C)2.	WASTES EASILY MOVED BY WIND COVERED AS NECESSARY.		✓	
(12)(C)3.	ON-SITE VEGETATION CLEARED ONLY AS NECESSARY.		✓	
(12)(C)4.	SALVAGED MATERIALS REMOVED DAILY OR STORED IN AESTHETICALLY ACCEPTABLE CONTAINERS.		✓	
(13) COVER	(13)(C)1.	DAILY COVER APPLIED.	✓	
(13)(C)2.	INTERMEDIATE COVER APPLIED. (L)		✓	
(13)(C)3.	FINAL COVER APPLIED.		✓	
(13)(C)4.	FINAL SIDE SLOPES NOT TO EXCEED 33.3 PERCENT.		✓	
(13)(C)5.	VEGETATION ESTABLISHED WITHIN 180 DAYS OF APPLICATION OR REGRADING OF COVER.		✓	
(13)(C)6.	REGRADING AND RECOVERING AS NECESSARY. (3)			✓
(14) COMPACTION	(14)(C)1.	SOLID WASTE HANDLING EQUIPMENT ON-SITE AND OPERATED AS NECESSARY.	✓	
(14)(C)1.A.	SOLID WASTE TO BE COMPACTED, SPREAD IN LAYERS NO MORE THAN 2 FEET THICK, & CONFINED TO SMALLEST PRACTICAL AREA.		✓	
(14)(C)1.B.	WASTE COMPACTED TO SMALLEST PRACTICAL VOLUME.		✓	
(14)(C)1.C.	COVER COMPACTED AS MUCH AS PRACTICAL.		✓	
(14)(C)2.	PREVENTIVE MAINTENANCE PERFORMED ON EQUIPMENT.		✓	
(14)(C)3.	SOLID WASTE NOT DISPOSED OF IN WATER.		✓	
(15) SAFETY	(15)(C)1.	FIRE EXTINGUISHERS PROVIDED.	✓	
(15)(C)2.	ALL FIRES IN WASTES BEING DELIVERED AT THE WORKING FACE OR WITHIN EQUIPMENT EXTINGUISHED.		✓	
(15)(C)3.	COMMUNICATIONS EQUIPMENT AVAILABLE.		✓	
(15)(C)4.	SCAVENGING PROHIBITED.		✓	
(15)(C)5.	CONTROLLED ACCESS TO SITE BY ESTABLISHED ROADWAYS & LIMITED TO HOURS WHEN OPERATING PERSONNEL ARE ON DUTY.		✓	
(15)(C)6.	TRAFFIC CONTROLLED AND DIRECTED TO DISTINGUISH DISPOSING POINTS.		✓	
(15)(C)7.	SITE DUST CONTROLLED.		✓	
(16) RECORDS	(16)(C)1.A.	RECORDS OF MAJOR PROBLEMS AND COMPLAINTS.	✓	
(16)(C)1.B.	MONITORING RECORDS		✓	
	A. LEACHATE SAMPLING AND ANALYSES.			
	B. GAS SAMPLING AND ANALYSES.			
	C. GROUND- AND SURFACE-WATER ANALYSES.		✓	
(16)(C)1.G.	RECORDS OF VECTOR-CONTROL EFFORTS.		✓	
(16)(C)1.D.	RECORDS OF DUST- AND LITTER-CONTROL EFFORTS.		✓	
(16)(C)1.E.	RECORDS OF QUANTITY OF WASTE HANDLED.		✓	
(16)(C)1.F.	RECORDS OF DESCRIPTION, SOURCES, AND VOLUME OF SPECIAL WASTES LISTED IN SUBSECTION (3)(A).		✓	
OTHER DESIGN SPECIFICATIONS				
(7)(C)3.	LEACHATE COLLECTION SYSTEM PROPERLY INSTALLED AND OPERATED.		✓	
(7)(C)4.	LINER CONSTRUCTED BY APPROVED DESIGN SPECIFICATION.		✓	
(8)(C)1.A.	GROUNDWATER MONITORING WELLS INSTALLED.		✓	
(13)(C)7.	BORROW AREAS RECLAIMED.		✓	

REMARKS

- (1) 10 yds³ of creosote waste from PD George has been disposed of at the facility.
- (2) Location of the flare has been changed to avoid zoning delays. Construction must be completed by 2/1/93.
- (3) Exposed waste observed along quarry walls, in wet weather area and in north section of active pit.
- (4) erosion on south side of wet weather area - should be terraced and/or seeded.

TO THE OWNER/OPERATOR:

This inspection of your facility has been conducted under the authority of Sec. 260.225.1 (9) RSMo. The department representative has marked those items found in violation of the applicable environmental laws and regulations adopted thereunder pertaining to your facility. Your signature below or that of your agent acknowledges that you have been notified of the deficiencies and have received recommendations and specific time frames for corrective action(s). If future inspections determine these violations persist, the Department may proceed with more formal enforcement procedures as authorized under Sections 260.230 and 260.240 RSMo, including but not limited to the assessment of penalties up to \$1000 per day for each day, or part thereof, the violation occurred. If any questions occur following your receipt of this inspection record, please contact the inspector named below.

COMPLIANCE EVALUATION

- Facility in Compliance
- Facility Not in Compliance
 - Notice of Violation Issued: ___/___/___
 - Return to Compliance By: 1/31/93
 - Follow-up Visit Scheduled: ___/___/___

SIGNATURE OF INSPECTOR <i>Joseph L. Lumbro</i>	OFFICE St. Louis	COPY RECEIVED BY By Mail
OFFICE ADDRESS 10805 Sunset Office Dr., St. Louis, Mo 63127	TELEPHONE (314) 822-0101	TITLE -

ST. LOUIS COUNTY HEALTH DEPARTMENT WASTE MANAGEMENT SECTION

SANITARY LANDFILL SURVEILLANCE RECORD

Date: 12/29/92 Days/Week Open: 6
 Name of Facility: Laidlaw Waste Systems (Sanitary)
 Permit No.: 0419 Expires: 6/22/93
 Owner: Laidlaw Waste Systems Inc.
 Address: 13570 St. Charles Rock Rd.
Bridgeton, MO 63044

Estimated amount of solid waste coming through gate.
 Compacted Loads 42,250 yds./wk. _____ tons/wk.
 Noncompacted Loads _____ yds./wk. _____ tons/wk.

Estimated volume of remaining landfill covered by approved engineering plans. _____ acre(s) 11.5 years

Ordinance 13,320 Chapter 607 Compliance Status

*Check all sections: SAT-Satisfactory; UNS-Unsatisfactory; * - Area(s) requiring additional attention.*

Section Number	Satisfactory Compliance Operating Procedure	SAT	*	UNS	Section Number	Satisfactory Compliance Operating Procedure	SAT	*	UNS
FACILITY PLAN					WATER QUALITY				
720.0	Operations comply with facility plan.	X			730.11	Surface water courses diverted.			X
SOLID WASTE HANDLING						Grading promotes surface water runoff without excessive erosion.			X
730.5	Bulky waste crushed and pushed to bottom of cell.	X				Grading does not exceed 33 1/3%.	X		
730.6	Demolition and construction waste, tree stumps, etc. pushed to bottom of cell.	X				Surface water courses and runoff control 20 year rainfall.	X		
730.7	Dead animals under 40 lbs. covered immediately.	X			730.12	Minimum 15 feet between waste and maximum water table.	X		
730.8	Dead animals over 40 lbs. placed in pit and covered with 4 ft. of compacted soil.	X			730.13	Water quality protection secure (ie. liner, bedrock).	X		
730.9	Water treatment plant sludges incorporated into active face and covered immediately.	X			730.14	Leachate and treatment systems used where necessary.	X		
	Quantity of sludges does not interfere with normal active face operation.	X			760.15	Ground/surface water not contacting waste.			X
730.10	Incinerator and air pollution control residues incorporated into working face and prevented from becoming airborne.	X			730.35	All drinking water sources within 1/4 mile sampled annually.	X		
SOLID WASTE EXCLUDED					COVER MATERIAL				
730.4	Responsible supervisor present.	X			730.3	Minimum of 6 inches approved cover applied daily.	X		
760.0	Entrance sign posted listing wastes not accepted.	X				Minimum 15 day stockpile of daily cover.	X		
SAFETY					730.32	Intermediate cover (min. 1 ft. after compaction) applied to all areas idle more than 60 days.			X
730.25	Fire extinguishers provided on all equipment.	X			730.33	Final cover (min. 2 ft. after compaction) applied to completed areas.	X		
730.26	Provisions made for extinguishing fires.	X			COMPACTION				
730.27	Communications equipment met standard.	X			730.1	Solid waste spread in layers not to exceed 2 ft. and reduced to smallest volume.	X		
730.28	Scavenging prohibited.	X			730.2	Waste confined to smallest practical area on working face.	X		
730.29	Controlled access limited to operating hours.	X			730.24	Adequate equipment maintained and operated.	X		
730.30	Traffic directed to designated disposal points.	X							
730.31	Dust control adequate.	X							

Section Number	Satisfactory Compliance Operating Procedure	SAT	UNS	Section Number	Satisfactory Compliance Operating Procedure	SAT	UNS
AIR QUALITY				VECTORS			
730.16	No open burning without permission.	X		730.19	Vector control programs implemented.	X	
GAS CONTROL				RECORDS			
730.17	Decomposition gas control implemented.		X	730.35	Records maintained to cover:		
730.18	Gases vented to prohibit explosive or toxic accumulations.		X		a. Major problems and complaints.	X	
AESTHETICS					b. Monitoring of leachate, gas, ground, and surface water sampling and analyses.		*
730.20	Litter control devices used properly.	X			c. Vector control efforts.	X	
	Litter collected and secured daily.	X			d. Dust and litter control efforts.	Y	
730.21	Blowable waste covered promptly.	X		e. Quantity of waste handled.	X		
730.22	Vegetation and natural windbreaks used where necessary.		X	BONDING			
730.23	Salvaged materials stored or removed daily.	X		690.1	Operating bond adequate.	Y	
730.34	Final vegetation planted and graded as required.	X		CLOSURE			
				790.1	Final cover and vegetation provided.	X	

Weather Conditions: rainy, cloudy, 50° and breezy


Observed With: Glen O'Bryan, Laidlaw Waste Systems; Joe Trunko, Frank Dolan & Terry Hoevelkamp, MDNR; Sue Taylor and Brad Bomanz, St. Louis County

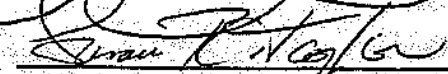
Consulted With: SAME

Additional Remarks/Comments: 1. Exposed waste was noted along the quarry walls in pit #3. A new technique of running the compactor parallel to the quarry walls and providing additional cover will, hopefully, remedy the problems of poorly compacted waste and insufficient cover material in these areas. It is to be noted that inadequate soil cover along quarry walls will contribute to passive gas venting and thus contribute to the enormous odor problem currently existing at this site. The new gas flaring system's 60 horsepower motor should increase subterranean negative air pressure. Areas with exposed waste and inadequate cover could have detrimental effects on the effectiveness of the gas extraction system by drafting in ambient air (02).

2. The subterranean fire in pit #2 which was first noted Sept. 25, 1992 appears to have subsided.

cc:


Signature of Inspector


Signature of Section Chief

OVER

Laidlaw Waste Systems (Sanitary)

Page 2

3. A request to provide the office with leachate sampling/recording procedures is pending.
4. Surface water courses are not diverted from pit #3. This problem has been noted by Mr. O'Bryan and plans to recontour the site and provide drainage away from the landfill are in the planning stage.
5. Grading contours are promoting erosion and creating areas of exposed waste on the northern slope of pit #3. Plans by Laidlaw to address this issue such as terracing, strategic placement of straw bales and the application of additional soil cover were proposed by Mr. O'Bryan as possible solutions.

This office is requesting Laidlaw to submit in writing within two (2) weeks from receipt of this inspection an implementation schedule to correct violations [Section 607.730.11 (surface water courses diverted and proper grading as indicated) and 607.760.15 (surface water not contacting waste)]. If corrections have not been completed within the specified schedule, legal notification may ensue.

cc: Glen O'Bryan, Laidlaw, Oper. Mgr.
John Boonstra, Laidlaw, Reg. Div. Mgr.
Joe Trunko, NDNR-SLRO
Richard Houchin, Bridgeton City Hall
Glen Hampton, St. Louis Co. Waste Mgmt.


Signature of Inspector


Signature of Section Chief

St. Louis Regional Office
Date Received

JAN 28 93

Route:

APCU	APCU
SWKU	SWKU
WP-PRMT	WP-PRMT
ICMII	ICMII